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## Drug repositioning for personalized ... - PubMed Central (PMC)

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) › Journal List › Genome Med › v.4(3); 2012

Mar 30, 2012 · Advances in **whole genome sequencing** (WGS), **whole exome sequencing** (WES) and **whole transcriptome sequencing** (RNA-seq) technologies now allow the examination of diseases in individual patients at an unprecedented resolution (Figure (Figure2). 2). **Comparing** a patient's **tumor** and normal genomes can comprehensively determine **sequence**, copy number, structural and expression **aberrations** ...

Cited by: 132

Author: Yvonne Y Li, Steven Jm Jones

Publish Year: 2012

## Next-Generation Sequencing: From Understanding Biology ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) › ... › Biology (Basel) › v.2(1); 2013 Mar

Early studies reported such a **successful** translation of NGS into **clinical** workflows using **whole-genome**, **whole-exome** and enrichment-based **sequencing** approaches for different diseases. Especially in oncology, NGS-based diagnostic testing has already achieved a broader **clinical** impact.

Cited by: 16

Author: Karen S. Frese, Hugo A. Katus, Benjami...

Publish Year: 2013

## Improving genetic diagnosis in Mendelian disease with ...

[https://www.researchgate.net/publication/316261184\\_Improving...](https://www.researchgate.net/publication/316261184_Improving...)

Exome and **whole-genome sequencing** are becoming increasingly routine approaches in Mendelian disease diagnosis. Despite their **success**, the current diagnostic rate for genomic analyses across a ...

## The "3M" Approach to Cardiovascular Infections ...

<https://www.sciencedirect.com/science/article/pii/S0001299817301162>

In this review, we describe data supporting the use of a Multimodality, Multitracer, and Multidisciplinary **approach** (the 3M **approach**) to cardiovascular infections. ... FDG PET/CT in the diagnosis of LVAD-related infection has been shown in small patient groups under routine **clinical** conditions. **Molecular** imaging ... which is especially useful ...

Cited by: 1

Author: Martina Sollini, Raffaella Berchiolli, Rober...

Publish Year: 2018

## Experience of a multidisciplinary task force with exome ...

[https://www.researchgate.net/publication/304583182\\_Experience\\_of\\_a...](https://www.researchgate.net/publication/304583182_Experience_of_a...)

Experience of a multidisciplinary task force with exome **sequencing** for Mendelian disorders. ... Experience of a multidisciplinary task force. ... the **report** is signed by the senior **molecular**.

**Name of Journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 47019

**Manuscript Type:** CASE REPORT

**Successful multidisciplinary clinical approach and molecular characterization by whole transcriptome sequencing of a cardiac myxofibrosarcoma: A case report**

Saponara M *et al.* Clinico-molecular characterization of a cardiac myxofibrosarcoma

Maristella Saponara, Valentina Indio, Carmine Pizzi, Elena-Daniela Serban, Milena Urbini, Annalisa Astolfi, Pasquale Paolisso, Sofia Martin Suarez, Margherita Nannini, Davide Pacini, Valentina Agostini, Ornella Leone, Valentina Ambrosini, Giuseppe Tarantino, Stefano Fanti, Fabio Niro, Francesco Buia, Domenico Attinà, Maria Abbondanza Pantaleo

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2	Crossref 34 words <a href="#">Annalisa Astolfi</a> , <a href="#">Fraia Melchionda</a> , <a href="#">Daniela Perotti</a> , <a href="#">Maura Fois et al.</a> "Whole transcriptome sequencing identifies BC ...	1%
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## Drug repositioning for personalized medicine

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3446277>

Mar 30, 2012 · **Whole genome and transcriptome sequencing** of the different sets of the patient's cells provides different types of information. **Sequencing** the primary **tumor and normal cells** of a patient can ... The first report using **sequencing** to infer **treatment** was for a patient with a rare **tongue adenocarcinoma** and no standard treatment options.

Cited by: 141

Author: Yvonne Y Li, Steven Jm Jones

Publish Year: 2012

## Clinical application of next-generation sequencing to the ...

<https://www.sciencedirect.com/science/article/pii/S147444221930033X>

**Whole genome sequencing** can be very powerful when applied to studies of **multigenerational** families<sup>85, 86, 87</sup> or when coupled with other measures of gene dysregulation, such as **transcriptome analysis**.<sup>88</sup> Therefore, gene panels or targeted **sequencing** based on next-generation **sequencing techniques** or **whole exome sequencing** are still more common in **clinical practice**. However, as **sequencing** ...

Author: Jessica Rexach, Hane Lee, Julian A ...

Publish Year: 2019

## Clinical Case Reports : Vol 6 , No 11

<https://onlinelibrary.wiley.com/toc/20500904/2018/6/11>

Nov 11, 2018 · This **case** represents a novel association of a DNM1 gene mutation with status epilepticus and progressive bilateral mesial temporal sclerosis. This could have future implications for treatment in patients with DNM1 mutation and refractory epilepsy as the mesial temporal sclerosis may become bilateral, making the patient a poor surgical candidate.

## Drug repositioning for personalized medicine | Genome ...

<https://genomemedicine.biomedcentral.com/articles/10.1186/gm326> ▾

Mar 30, 2012 · **Human diseases** can be caused by **complex mechanisms** involving aberrations in numerous proteins and pathways. With recent advances in genomics, elucidating the **molecular basis of disease** on a **personalized level** has become an attainable goal.

Cited by: 141

Author: Yvonne Y Li, Steven Jm Jones

Publish Year: 2012